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PTO/SB/05 12/97

Approved for use through 10/31/2002. OMB 0651-0032
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00/02/21

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. TI-29958
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor Deng, et al
		Title Apparatus and Method for Microcontroller Debugging
		Express Mail Label No. EL651154400US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status
See 37 CFR 1.27
3. Specification [Total Pages **32**] (preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications

7. CD-ROM or CD-R in duplicate, large table Computer program (Appendix)

- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD Rom or CD-R (2 copies); or
 - ii. paper
- c. Statement verifying identity of above copies

4. Drawings(s) (35 USC 113) [Total Sheets **17**]

5. Oath or Declaration [Total Pages **1**]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]

i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ACCOMPANY APPLICATION PARTS

- 9. Assignment Papers (cover sheet & documents)
- 10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Documents(s)
(if foreign priority is claimed)
- 16. Other: _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____

Prior application information Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

NAME	J. Dennis Moore					
	Texas Instruments. Inc.					
ADDRESS	P.O. Box 655474					
	M/S 3999					
CITY	Dallas	STATE	Texas	ZIP CODE	75265	
COUNTRY	U.S.A.	TELEPHONE	(972)917-5646	FAX	(972)917-4418	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington DC 20231.

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FEE TRANSMITTAL for FY 2001 <i>Patent fees are subject to annual revision.</i>		Complete if Known			
		Application Number		TBD	
		Filing Date		Herewith	
		First Named Inventor		Deng, et al.	
Group Art Unit		TBD			
TOTAL AMOUNT OF PAYMENT \$750.00		Examiner Name		TBD	
		Attorney Docket Number		TI-29958	
METHOD OF PAYMENT (check one)					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Acct. # 20-0668 Deposit Acct. Name: Texas Instruments, Inc. <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
FEES CALCULATION					
1. BASIC FILING FEE					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional fee	
SUBTOTAL (1)		\$ 710.00			
2. CLAIMS					
Total Claims	20	20**=	0	Extra claims	Fee from below
Independent Claims	3	-3**=	0	X	18 = 0
Multiple Dependent Claims				X	= 0
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple Dependent claims	
109	80	209	40	**Reissue independent claims over original patent	
110	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		\$0.00			
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)
					40.00
SUBMITTED BY					
Typed or Printed Name	Brian A. Carlson			Reg. Number	37,793
Signature			Date	12/28/00	Deposit Account User ID
20-0668					

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Deng, et al.

Art Unit: TBD

Serial No.: TBD

Examiner: TBD

Filed: Herewith

Docket: TI-29958

For: Apparatus and Method for Microcontroller Debugging

Jc841 U.S. PTO
09/25/2007
12/28/00



Certificate of Mailing via Express Mail

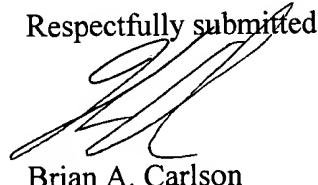
EXPRESS MAIL mailing label number: EL65154400US

Date of Deposit: December 28, 2000

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent Application, Assistant Commissioner for Patents, Washington, DC 20231:

- Utility Patent Application Transmittal (1 page)
- Complete Copy of Patent Application (49 pages), to include:
 - Specification with Appendix (32 pages)
 - Drawings (17 pages)
- Declaration and Power of Attorney (1 pages)
- Assignment Recordation Cover Sheet (1 page)
- Copy of Original Signed Assignment (1 page)
- Information Disclosure Statement
 - Form PTO-1449
 - One (1) reference
- Fee Transmittal (1 original and 1 copy)
- Return Postcards (2)

Respectfully submitted,



Brian A. Carlson